

What is claimed is:

1. An article of manufacture for the prevention of the increase of temperature in heat sensitive devices through the absorption of heat during heat generating conditions comprising

an organic acid in an amount sufficient to effect the required heat absorption;

and

means for supporting said organic acid, the physical characteristics of said means for supporting said organic acid being defined by the heat absorbing application.

2. The article of manufacture of Claim 1, wherein the organic acid is selected from the group consisting of formic acid, acetic acid, propionic acid, butyric acid and the mixtures thereof.

3. The article of manufacture according to Claim 1, wherein the means for supporting said organic acid further comprises a retaining matrix, packaging, encapsulation, microencapsulation, enclosure, capillary delivery system, wick, tubing or structure to form a heat absorbing surface, device or structure.

4. The article of manufacture according to Claim 1, wherein the heat sensitive device is embedded within the organic acid.

5. The article of manufacture according to Claim 1, wherein the heat sensitive device is immersed within the organic acid.

6. The article of manufacture according to Claim 1, wherein the heat sensitive device is surrounded by the organic acid.

7. The article of manufacture according to Claim 1, wherein the means for supporting said organic acid is a closed container, in which said organic acid is located.

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8. The article of manufacture according to Claim 6, wherein said organic acid lines the inner wall of the closed container.

9. The article of manufacture according to Claim 7, wherein said heat sensitive device is located within and spaced from said organic acid.

10. The article of manufacture according to Claim 1, wherein said organic acid is adhered to a flexible substrate, said substrate being adaptable to the size and shape of said heat sensitive device.

11. The article of manufacture according to Claim 1, wherein the means for supporting said organic acid is the organic acid itself.

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